Attorney Docket: 100337.54074D2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

MARK ZOLLER ET AL.

Serial No.:

Divisional of U.S. Serial No. 10/179,373

Group Art Unit:

Filed June 26, 2002

Filed:

December 3, 2003

Examiner:

Title:

RECOMBINANT METHODS FOR EXPRESSING A

FUNCTIONAL SWEET (T1R2/T1R3) TASTE RECEPTOR

Customer No. 23911

PRELIMINARY AMENDMENT

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Prior to examination, kindly cancel all original claims 1-193 and insert the following claims 194-235. The claims are all directed to co-expression of T1R2 and T1R3 nucleic acid sequences in a recombinant host cell. As disclosed in the subject application, the resultant heteromeric T1R2/T1R3 receptor functions as a sweet taste receptor and responds specifically to sweet taste stimuli and sweet taste modulatory compounds, e.g. natural and synthetic sweeteners. Consequently, the subject co-expression methods result in a heteromeric taste receptor (sweet

receptor) that may be used in assays for the identification of natural and artificial sweet enhancers and modulatory compounds.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 4 of this paper.

A new Title is identified on page 10.

A new Abstract of the Disclosure is submitted herewith (attached as a separate page to this Preliminary Amendment).

Remarks begin on page 12 of this paper.

IN THE TITLE:

Please delete the current title and substitute the following

TITLE

- Recombinant Methods for Expressing A Functional Sweet (T1R2/T1R3)

Taste Receptor -